	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	BRS	1	'09955630' '09/955630' '09/955,630' '09,955,630'	USPAT; US-PGPUB	2003/10/29 13:31		
2	BRS	1	('09955630' '09/955630' '09/955,630' '09,955,630') and (proxim$5 distal$1 end phased slab$1 gap$1)	USPAT; US-PGPUB	2003/10/27 17:56		
3	BRS	1110	(array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg))	USPAT; US-PGPUB	2003/10/27 18:35		
4	BRS	1100	(array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1	USPAT; US-PGPUB	2003/10/27 18:35		
5	BRS	718	(waveguide$1 near7 gap$1) same waveguides	USPAT; US-PGPUB	2003/10/27 18:38		
6	BRS	86	((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)	USPAT; US-PGPUB	2003/10/27 18:41		
7	BRS	27099	385/$.ccls.	USPAT; US-PGPUB	2003/10/27 18:39		
8	BRS	73	(((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and 385/$.ccls.	USPAT; US-PGPUB	2003/10/27 18:39		
9	BRS	2108	385/24.ccls.	USPAT; US-PGPUB	2003/10/28 18:16		
10	BRS	18	(((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and 385/24.ccls.	USPAT; US-PGPUB	2003/10/27 18:40		
11	BRS	84	(((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and (phase$3 angl$3)	USPAT; US-PGPUB	2003/10/27 18:42		
12	BRS	60	((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and (phase$3 angl$3)) and gaps	USPAT; US-PGPUB	2003/10/29 11:13		
13	BRS	38	(awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same groov$2 same (gap$1 spac$3 fill$3 slot$1)) and (phase$3 angl$3)	USPAT; US-PGPUB	2003/10/28 17:28		

	Errors
1	0
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12	0
13	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
14	BRS	27	((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same groov$2 same (gap$1 spac$3 fill$3 slot$1)) and (phase$3 angl$3)) not (((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and (phase$3 angl$3)) and gaps)	USPAT; US-PGPUB	2003/10/28 17:11		
15	BRS	30	(awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3) near9 fill$3) and (phase$3 angl$3)	USPAT; US-PGPUB	2003/10/28 17:34		
16	BRS	7	((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3) near9 fill$3) and (phase$3 angl$3)) not (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same groov$2 same (gap$1 spac$3 fill$3 slot$1)) and (phase$3 angl$3)) (((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and (phase$3 angl$3)) and gaps))	USPAT; US-PGPUB	2003/10/28 17:35		
17	BRS	30	(awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3) near9 fill$3)	USPAT; US-PGPUB	2003/10/28 17:36		

	Errors
14	0
15	0
16	0
17	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
18	BRS	0	((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3) near9 fill$3)) not (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same groov$2 same (gap$1 spac$3 fill$3 slot$1)) and (phase$3 angl$3)) (((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and (phase$3 angl$3)) and gaps) (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3) near9 fill$3) and (phase$3 angl$3)) not (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same groov$2 same (gap$1 spac$3 fill$3 slot$1)) and (phase$3 angl$3)) (((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and	USPAT; US-PGPUB	2003/10/28 17:38		
19	BRS	0	(awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (wavegides near7 (groov$2 gap$1 spac$3))	USPAT; US-PGPUB	2003/10/28 17:37		
20	BRS	104	(awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguides near7 (groov$2 gap$1 spac$3))	USPAT; US-PGPUB	2003/10/28 18:17		

	Errors
18	0
19	0
20	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
21	BRS	53	((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguides near7 (groov$2 gap$1 spac$3))) not (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same groov$2 same (gap$1 spac$3 fill$3 slot$1)) and (phase$3 angl$3)) (((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and (phase$3 angl$3)) and gaps) (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3) near9 fill$3) and (phase$3 angl$3)) not (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same groov$2 same (gap$1 spac$3 fill$3 slot$1)) and (phase$3 angl$3)) (((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7	USPAT; US-PGPUB	2003/10/28 18:20		
22	BRS	0	'11-362792'	JPO; DERWENT	2003/10/28 17:59		
23	BRS	4	'362792'	JPO; DERWENT	2003/10/28 18:00		
24	BRS	0	'11362792'	JPO; DERWENT	2003/10/28 18:00		
25	BRS	773	Kato near1 Hiroyuki	JPO; DERWENT	2003/10/28 18:02		
26	BRS	169	(Arrayed near1 waveguide near1 grating).ab.	JPO; DERWENT	2003/10/28 18:02		
27	BRS	0	(Kato near1 Hiroyuki) and ((Arrayed near1 waveguide near1 grating).ab.)	JPO; DERWENT	2003/10/28 18:02		
28	BRS	773	Kato near2 Hiroyuki	JPO; DERWENT	2003/10/28 18:02		
29	BRS	2115	385/24.ccls.	USPAT; US-PGPUB	2003/10/28 18:16		
30	BRS	194	(awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3 discontinuities))	USPAT; US-PGPUB	2003/10/30 12:54		

	Errors
21	0
22	0
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25	0
26	0
27	0
28	0
29	0
30	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
31	BRS	82	((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3 discontinuities))) not (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same groov$2 same (gap$1 spac$3 fill$3 slot$1)) and (phase$3 angl$3)) (((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and (phase$3 angl$3)) and gaps) (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3) near9 fill$3) and (phase$3 angl$3)) not (((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same groov$2 same (gap$1 spac$3 fill$3 slot$1)) and (phase$3 angl$3)) (((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and	USPAT; US-PGPUB	2003/10/28 18:21		
32	BRS	18	(awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1 spac$3 discontinuities))	EPO; JPO; DERWENT	2003/10/29 11:18		
33	BRS	60	(((((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 same ((array$3 near1 waveguide near1 grating) awg)) same slab$1) and ((waveguide$1 near7 gap$1) same waveguides)) and (phase$3 angl$3)) and gaps	USPAT; US-PGPUB	2003/10/29 11:18		
34	BRS	1	6337660.pn.	USPAT; US-PGPUB	2003/10/29 09:39		
35	BRS	1	6337660.pn. and (dispers$4 delaay$4 true chirp$4 grating)	USPAT; US-PGPUB	2003/10/29 09:40		
36	BRS	7	("6278813" "6195481" "6141467" "6466707" "5546483" "6404946" "6229938").pn.	USPAT; US-PGPUB	2003/10/29 13:45		

	Errors
31	0
32	0
33	0
34	0
35	0
36	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
37	BRS	1	(((array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 and ((array$3 near1 waveguide near1 grating) awg)) and slab$1) and ((waveguide$1 near7 gap$1) and waveguides)) and (groov$2 gap$1 spac$3 discontinuities)	EPO; JPO; DERWENT	2003/10/29 11:20		
38	BRS	7	(("6278813" "6195481" "6141467" "6466707" "5546483" "6404946" "6229938").pn.) and (groov$2 gap$1 spac$3 discontinuities slab$1)	USPAT; US-PGPUB	2003/10/29 15:14		
39	BRS	1	'09/955,630' and (offset$3 control$4)	USPAT; US-PGPUB	2003/10/29 15:34		
40	BRS	1	(("6229938").pn.) and (offset$3 control$4)	USPAT; US-PGPUB	2003/10/29 15:06		
41	BRS	13	"20030123796" "20030007728" "200201559696" "20020131704" "6591034" "5745618"	USPAT; US-PGPUB	2003/10/29 15:08		
42	BRS	5	("20030123796" "20030007728" "200201559696" "20020131704") ("6591034" "5745618").pn.	USPAT; US-PGPUB	2003/10/29 15:09		
43	BRS	2	("6591034" "5745618").pn.	USPAT; US-PGPUB	2003/10/29 15:09		
44	BRS	3	"20030123796" "20030007728" "200201559696" "20020131704"	USPAT; US-PGPUB	2003/10/29 15:11		
45	BRS	1	"20020159696"	USPAT; US-PGPUB	2003/10/29 15:14		
46	BRS	6	(("6591034" "5745618").pn.) ("20030123796" "20030007728" "200201559696" "20020131704") "20020159696"	USPAT; US-PGPUB	2003/10/29 15:14		
47	BRS	6	((("6591034" "5745618").pn.) ("20030123796" "20030007728" "200201559696" "20020131704") "20020159696") and (groov$2 gap$1 spac$3 discontinuities slab$1)	USPAT; US-PGPUB	2003/10/31 14:55		
48	BRS	0	11-350257	JPO; DERWENT	2003/10/29 15:16		
49	BRS	8	"350257"	JPO; DERWENT	2003/10/29 15:17		
50	BRS	9	"0350257"	JPO; DERWENT	2003/10/29 15:21		
51	BRS	0	'198 ("20030123796" "20030007728" "200201559696" "20020131704") 404'	EPO; DERWENT	2003/10/29 15:26		
52	BRS	0	6404946.pn. and (offset$3 control$4 insertion)	USPAT; US-PGPUB	2003/10/29 15:35		
53	BRS	1	6404946.pn. and (loss$3)	USPAT; US-PGPUB	2003/10/29 15:36		
54	BRS	1	6404946.pn. and (loss$3 groov$2 gap$1 spac$3 discontinuities slab$1 adjust$4 correct$4 chang$3)	USPAT; US-PGPUB	2003/10/29 16:20		
55	BRS	1	'09/955,630'	USPAT; US-PGPUB	2003/10/30 12:24		

	Errors
37	0
38	0
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	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
56	BRS	1	6404946.pn.	USPAT; US-PGPUB	2003/10/30 10:29		
57	BRS	1	6404946.pn. and (signal$1 same wavelength$1)	USPAT; US-PGPUB	2003/10/30 11:56		
58	BRS	1	6404946.pn. and (loss$4 same (insertion$1 wavelength$1 division$1))	USPAT; US-PGPUB	2003/10/30 11:53		
59	BRS	1	6404946.pn. and (groov$2 gap$1 spac$3 distance$1)	USPAT; US-PGPUB	2003/10/30 11:56		
60	BRS	1	'09/955,630'	USPAT; US-PGPUB	2003/10/30 12:24		
61	BRS	1	('09/955,630') and (angl$3 same (orthogonal$2 plane$1))	USPAT; US-PGPUB	2003/10/30 12:27		
62	BRS	112	(awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1))	USPAT; US-PGPUB	2003/10/30 12:55		
63	BRS	105	((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1))) and ((groove gap$1) near7 control$4 near7 insertion loss$1)	USPAT; US-PGPUB	2003/10/30 12:57		
64	BRS	1	((awg (array$3 near1 waveguide near1 grating) (phas$4 near3 array$3 near5 waveguide$3)) same slab$1 and (waveguide$1 same (groov$2 gap$1))) and ((groove gap$1) with control$4 with (insertion near1 loss$1))	USPAT; US-PGPUB	2003/10/30 12:59		
65	BRS	1	((groove gap$1) with control$4 with (insertion near1 loss$1)) and awg	USPAT; US-PGPUB	2003/10/30 14:01		
66	BRS	1	6229938.pn.	USPAT; US-PGPUB	2003/10/30 14:01		
67	BRS	1	6229938.pn. and (signal$1 same wavelength$1)	USPAT; US-PGPUB	2003/10/30 14:05		
68	BRS	1	6229938.pn. and (signal$1 wavelength$1)	USPAT; US-PGPUB	2003/10/30 14:20		
69	BRS	0	6229938.pn. and (phas$3 near9 array$2)	USPAT; US-PGPUB	2003/10/30 14:20		
70	BRS	0	6229938.pn. and (phas$3 same array$2)	USPAT; US-PGPUB	2003/10/30 15:02		
71	BRS	1	6229938.pn. and (insertion loss$3)	USPAT; US-PGPUB	2003/10/30 15:07		
72	BRS	1	6229938.pn. and (((insertion loss$3) same (control$3 adjust$4 modif$7 chang$4)) insert$4 loss$3 control$4)	USPAT; US-PGPUB	2003/10/30 15:15		
73	BRS	1	6229938.pn. and (((insertion loss$3) same (control$3 adjust$4 modif$7 chang$4)) insert$4 loss$3 control$4 gap$2 distanc$3 groov$2 space$2)	USPAT; US-PGPUB	2003/10/30 15:48		

	Errors
56	0
57	0
58	0
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	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
74	BRS	1	6229938.pn. and (((insertion loss$3) same (control$3 adjust$4 modif$7 chang$4)) insert$4 loss$3 control$4 gap$2 distanc$3 groov$2 space$2 cross talk$1 nois$3)	USPAT; US-PGPUB	2003/10/30 15:54		
75	BRS	1	6229938.pn. and (((insertion loss$3) same (control$3 adjust$4 modif$7 chang$4)) insert$4 loss$3 control$4 gap$2 distanc$3 groov$2 space$2 cross talk$1 crosstalk$3 nois$3)	USPAT; US-PGPUB	2003/10/31 11:19		
76	BRS	1	"09/955,630" and (prox$4 same input$3)	USPAT; US-PGPUB	2003/10/31 11:20		
77	BRS	1	("6229938").pn.	USPAT; US-PGPUB	2003/10/31 13:28		
78	BRS	1	(("6229938").pn.) and (gap$1 groov$3 angl$3 distance$1 space$1)	USPAT; US-PGPUB	2003/10/31 13:29		
79	BRS	6	("5745619" "5828800" "5854868" "5859717" "5894535" "6195481").pn.	USPAT; US-PGPUB	2003/10/31 15:11		
80	BRS	28	((array$2 adj1 waveguide adj1 grating) AWG) same (phased adj1 array) and 385/$.ccls.	USPAT	2003/10/31 16:27		
81	BRS	14	((array$2 adj1 waveguide adj1 grating) AWG) near9 (phased adj1 array) and (((array$2 adj1 waveguide adj1 grating) AWG) same (phased adj1 array) and 385/$.ccls.)	USPAT	2003/10/31 16:31		
82	BRS	39	(control$3 same (groov$2 gap$1) same (loss$2 insertion$1)) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array))	USPAT	2004/07/01 16:51		
83	BRS	16	(control$3 with (loss$2 insertion$1) same (groov$2 gap$1)) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array))	USPAT	2004/07/01 16:51		
84	BRS	5	(control$3 with (loss$2 insertion$1) with (groov$2 gap$1)) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array))	USPAT	2003/10/31 16:47		
85	BRS	3	(control$3 with (loss$2 insertion$1) with (groov$2 gap$1) same waveguide$1) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array))	USPAT	2003/10/31 16:38		
86	BRS	0	(control$3 with (loss$2 near1 insertion$1) same (groov$2 gap$1)) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array))	USPAT	2003/10/31 16:41		
87	BRS	1	(control$3 with (loss$2 insertion$1) same (groov$2 gap$1)) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array)) and insertion near1 loss$2	USPAT	2003/10/31 16:42		

	Errors
74	0
75	0
76	0
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85	0
86	0
87	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
88	BRS	1	(control$3 with (loss$2 insertion$1) same (groov$2 gap$1)) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array)) and insertion$1	USPAT	2003/10/31 16:43		
89	BRS	16		USPAT; US-PGPUB	2003/10/31 16:44		
90	BRS	1	(control$3 with (loss$2 insertion$1) with (groov$2 gap$1)) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array))	EPO; JPO; DERWENT	2003/10/31 16:47		
91	BRS	1	"09/955,630"	USPAT; US-PGPUB	2003/11/03 10:05		

	Errors
88	0
89	0
90	0
91	0

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L2	62	(control$3 same (groov$2 gap$1) same (loss$2 insertion$1)) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 16:52
2	BRS	L1	26	(control$3 with (loss$2 insertion$1) same (groov$2 gap$1)) and ((array$2 adj1 waveguide adj1 grating) AWG (phased adj1 array))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 16:52

07/01/2004, EAST version: 1.4.1

	Comments	Error Definition	Errors
1			0
2			0